Purchase Order Receipt Listing

Thursday, July 06, 2017 3:04:02 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36711 Receipt Dates from 7/6/2017 to 7/6/2017 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

VendorID\Vendor Name		Required Qty	Date/ Recv Emp	Recv Cost Per Unit/ Qty Recv Value (PO U/M)	st Per Unit/ Inspected Qty/ Recv Value Rejected Qty (PO U/M)	MRB Reject Ory	Book Amt
N 2 N	A.M. Castle & Co. (Canada) Inc C/O 910720 000X2 & f	C/ O 910720 7/6/2017	7/6/2017	12.0000	0.0000	0 0	\$0.00
1	ate	12.0000	PLOU01		0.0000		
	4	7/6/2017	7/6/2017	24.0000	0.0000	0 0	\$0.00
	ب	24.0000	PLOU01		0.0000	0 0	
3 M7075T6S6.000X1.0 f	J 0.	7/6/2017	7/6/2017	24.0000	0,0000	0 0	80.00
No 7075-T6S Sheet 1" Wide x 6" Thick Plate m137968	f ate	24.0000	PLOU01		0.0000	0 0	
					Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity:	Quantity: PO U/M): Ougantity:	0.0000

\$0.00

Total Receipt Value: Total Balance Due Quantity:



PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Shipment No:3322822

Page 1 of 2

			C. TO COLLOCK
Ship From:	Sold To:	Ship To:	Deliver To:
2150 ARGENTIA ROAD	1270 ABERDEEN	DART AEROSPACE LTD	DART AEROSPACE LTD
MISSISSAUGA, ON L5N	HAWKESBURY, ON K6A 1K7	HAWKESBURY, ON	HAWKESBURY ON
2K7	CA	K6A 1K7 CAN	K6A 1K7
CAN			CA
Date Shipped F.O.B.	Freight Terms	Carrier	BO NO
05-JUL-17 ORIGIN	Prenaid	MANITOLINA	DOLING
			2022022
Shipment Details		Final Destination Branch - TOR)R
Order No Line No	Item No	Description	
4799461 1	752188.MO	1.0000.PL.7075.T651.ALUMINUI CUT 2SIDED TO 2.5 IN (+ .1250 .0000 IN) - ALUMINUM PLATE	UM.USI.48.5000.144.5000 50/0000 IN) X 144.5 IN (+ .1250/- E SAW SPECIFICATIONS:
Purchase Order No	Part Number	Ordered Oty	
36711		1.00 PCS	1 00 PCS
Details ALL PAF	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIV	DER / CUSTOMER MUST RECE	E AT T
Email P/	Email P/s and certs to: clavoie@dartaero.com	com)
END CO	END USER: COMMERCIAL AIRCRAFT BARTS	PTO	
Delivery No. Mill	Heat Number W	Mech Id PCS Width /	NI CONTRACTOR IN
121149096 CONSTELLIUM		1	A) Length (III)
ROLLED			37.0174

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the utimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized utimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. taw and regulations.

PRODUCTS

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 05-JUL-2017 03:33:14 PM These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.



A. M. Castle & Co.

PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned Reviewed by Authorized Castle Metals Representative:

Date: Name:

SHIPPED JUL 0 5 2017

M. Ramolin

89776



These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 05-JUL-2017 03:33:14 PM





1,232 mm

CERTIFIED TEST REPORT Constellium Rolled Products Ravenswood, LLC

A M CASTLE CO 5 3050 SO HYDRAULIC WICHITA KS p O

S 0 L D T 0

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523

A M CASTLE

Serial:20170527-0110539772

US

Constellium ORDER NO. CUSTOMER PURCHASE ORDER NO. & ITEM 203735 LENGTH TEMPER GAUGE WIDTH ALLOY 7075 CLAD 144.50000 in 48.50000 in 1.00000 in

25.40 mm

110539772

T651

4075

ITEM ORDERED SPEC PLATE, SAWED MILL FINISH

A M CASTLE

CUSTOMER SPECIFICATION AMS 4045K

PART NUMBER 752188

B/L NUMBER 81388

DATE SHIPPED 05/29/2017

3,670 mm

INCLUSION

WT. SHIPPED 5770,000 LB

NO. OF PIECES 000008

GOVT. CONTRACT NO.

CERTIFICATION

Pg 10f4

*Constallium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated hersin. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC **859 Century Road**

P.O. BOX 68 RAVENSWOOD, WV 26164 USA

Steve Good - Laboratory Manager

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

ASTM B594 REV 13 2013 100% SONIC W/ 0.125"DEADZONE Class A

AMS QQ-A-250/12A AMS STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE

ASTM 8209-14
BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE
CST1006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE
CPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE
GAMPS 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE
PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

Load Details

Details			1 -4	Piece	Serial	Parent Lot
Package	Net Lbs	Kg	Lot		Gener	
1001522455	725.000	328.854	9387991	01		
1001522455	725.000	328.854	9387991	02		
	725.000	328.854	9387991	03		
1001522455	725.000	328.854	9387992	01		
1001522460		328.854	9387992	02		
1001522460	725.000		9387992	03		
1001522460	725.000	328.854		01		
1001522466	710.000	322.050	9387993			
1001522466	710.000	322.050	9387993	02		
DAS						

Lot: 9387991) DA

nsile - Room	Tempera	ture (US) Ultimate	(KEI)	Yield (K	(SI)	Elongation	(%)	Report
			Max	Min	Max	Min	Max	
Direction	Tests	Min			72.3	13.0	13.0	
LT	02	79.8	80.5	70.1	16.0			apline







A M CASTLE CO S H 3050 SO HYDRAULIC WICHITA KS P 67216 US T

S 0 1 D Т 0

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523 US

Serial:20170527-0110539772 INCLUSION 110539772 4075 M CASTLE Constellium ORDER NO. CUSTOMER PURCHASE ORDER NO. & ITEM 203735 LENGTH TEMPER GAUGE HTOIW ALLOY CLAD 144,50000 in 3,670 mm 48.50000 in 1.00000 in T651 7075 1,232 mm 25.40 mm

ITEM ORDERED SPEC PLATE, SAWED MILL FINISH

0

CUSTOMER SPECIFICATION AMS 4045K

PART NUMBER

B/L NUMBER 81388

DATE SHIPPED 05/29/2017

WT. SHIPPED 5770.000 LB

NO. OF PIECES 800000

GOVT. CONTRACT NO.

CERTIFICATION

Pa 2014

*Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravanswood, LLC 859 Century Road

P.O. BOX 68 RAVENSWOOD, WV 26164 USA

Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)

ISII	ie - Koom	(citipota)		(N/MM2)	Yield (N	I/MM2)	Elongation	(%)	Report
-	Direction	Tests	Min	Max	Min	Max	Min	Max	
-	T	02	550	555	483	498	13.0	13.0	
ı	-I	UZ	200						

Chemistry (Actual)

FE CU MN 0.05 0.16 1.38 0.03 MG CR 0.20 2.48

ZN TI 5.45 0.04

ZR 0.01

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387992

nsile - Room	Tempera	Ultimate	(KSI)	Yield (K	SI)	Elongation	(%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	80.3	80.6	71.5	72.0	12.5	13.5	







A M CASTLE CO

3050 SO HYDRAULIC
WICHITA KS
67216
US

\$ 0 L D T 0

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523 US

0 Serial: 20170527-0110539772 Pg 3of4 INCLUSION 110539772 4075 A M CASTLE Constellium ORDER NO. CERTIFICATION CUSTOMER PURCHASE ORDER NO. & ITEM "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as LENGTH WIDTH ALLOY 7075 TEMPER GAUGE CLAD indicated herein. Any warranty is limited to that 144.50000 in 48,50000 in 1.00000 in 25.40 mm T651 shown on Constellium Rolled Products' standard 3.670 mm 1,232 mm General Terms and Conditions of Sales, Test reports are on file, subject to examination." ITEM ORDERED SPEC PLATE, SAWED MILL FINISH Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 CUSTOMER SPECIFICATION RAVENSWOOD, WV 26164 USA AMS 4045K DATE SHIPPED B/L NUMBER PART NUMBER 05/29/2017 81388 GOVT. CONTRACT NO. NO. OF PIECES WT. SHIPPED 000008 5770,000 LB Steve Good - Laboratory Manager

Tensile - Room Temperature (Si)

nsile - Room	Tempera		(N/MM2)	Yield (N	I/MM2)	Elongation	(%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	554	556	493	496	12.5	13.5	

Chemistry (Actual)

ZR ZN TI MN MG CR CU FE 0.04 0.01 5.45 0.05 0.16 1.38 0.03 2.48 0.20 Core

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387993

nsile - Room	lempera	Ultimate	(KSI)	Yield (K	SI)	Elongation	(%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
1 T	02	79.9	80.8	70.4	71.5	13.0	13.5	
	V =-							







A M CASTLE CO 8 H 3050 SO HYDRAULIC WICHITA KS 67216 US

\$ 0 L D 0 A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523

0 Pg 40f4 Serial:20170527-0110539772 INCLUSION 110539772 4075 M CASTLE CERTIFICATION Constellium ORDER NO. CUSTOMER PURCHASE ORDER NO. & ITEM "Constellium Rolled Products, hereby certifies that 203735 metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as LENGTH TEMPER GAUGE WIDTH ALLOY CLAD 144.50000 in 48.50000 in indicated herein. Any warranty is limited to that 1.00000 in T651 7075 shown on Constellium Rolled Products' standard 1.232 mm 3.670 mm 25.40 mm General Terms and Conditions of Sales. Test reports are on file, subject to examination. ITEM ORDERED Constellium Rolled Products Revenswood, LLC SPEC PLATE, SAWED MILL FINISH 859 Century Road P.O. BOX 68 CUSTOMER SPECIFICATION RAVENSWOOD, WV 26164 USA AMS 4045K DATE SHIPPED B/L NUMBER PART NUMBER Sten Soul 05/29/2017 81388 752188 NO. OF PIECES GOVT, CONTRACT NO. WT. SHIPPED 000008 Steve Good - Laboratory Manager 5770.000 LB Tensile - Room Temperature (SI) Report Elongation (%) Yield (N/MM2) Ultimate (N/MM2) Max Min Max Min Min Max Tests Direction 13.5 493 13.0 485 557 02 551

Chemistry (Actual)

LT

ZR TI CR ZN CU MN MG FE 0.04 0.01 5.45 2.48 0.20 0.05 0.16 1.38 0.03 Core

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

QUALITY TEXTS: AMC CA-15403 R B

> THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CHEMISTRY BY DES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT

WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8: 8557

DUNS Number: 090570149; CAGE Code: 1YWL9

Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

Page 1 of 2

Shipment No:3322822

SEUSPACE LTD ERDEEN SBURY, ON CAN L.7075.T651.ALUMINU DED TO 6 IN (+ .1250/ UMINUM PLATE SAW Qty STOMER MUST RECEIVEN STOMER MUST RECE	Simplified in:		Sold To:	Ship To:	Deliver To:
F.O.B. Freight Terms ORIGIN Prepaid	A. M. CASTLE 2150 ARGEN MISSISSAUG 2K7 CAN	& CO. TIA ROAD A, ON L5N	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K' CA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Line No Item No Line No Item No ALL PAPERWORK MUST FOLLOW ORDI ALL MATERIAL MUST HAVE IDENTIFYIN Email P/s and certs to: clavoie@dartaero.claps and certs to: clavoie.claps and certs a	Date Shipped			Carrier	BOL No
Line No Item No 2 750023.MO ALL PAPERWORK MUST FOLLOW ORDI ALL MATERIAL MUST HAVE IDENTIFYIN Email P/s and certs to: clavoie@dartaero.cland USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PAI END USE: COMMERCIAL AIRCRAFT PAI AISER LUMINUM	05-JUL-17	ORIGII		MANITOULIN	3322822-2
ALL PAPERWORK MUST FOLLOW ORDI ALL MATERIAL MUST HAVE IDENTIFYIN Email P/s and certs to: clavoie@dartaero.c END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PAI FY No. Mill Heat Number Me ALUMINUM Heat Number Me	Shipment De	tails		Final Destination Branch -	TOR
ase Ørder No ALL PAPERWORK MUST FOLLOW ORDI ALL MATERIAL MUST HAVE IDENTIFYIN Email P/s and certs to: clavoie@dartaero.cland by and certs to: clavoie.clavoie	Order No	Line N		Description	
ALL PAPERWORK MUST FOLLOW ORDIAL MATERIAL MUST HAVE IDENTIFYIN Email P/s and certs to: clavoie@dartaero.cend USE: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PAIR No. Mill Heat Number Metal Number ALUMINUM	4799461	2	750023.MO	0.2500.PL.7075.T651.ALUMI CUT 2SIDED TO 6 IN (+ .12	NUM.48.5000.144.5000 50/0000 IN) X 144.5 IN (+ .1250/0000
ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DE Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS KAISER ALUMINUM ALL MATERIAL MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DE Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ALUMINUM ALUMIN	Purchase orc	der No	Part Number	Ordered Qtv	Invoice Of
ALL MATERIAL MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DE ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS Y No. Mill Heat Number Mech Id PCS Width (IN) Length (IN) ALUMINUM ALUMINUM	36711			2.00 PCS	2 00 DCs
Mill Heat Number Mech Id PCS Width (IN) Length (IN) ALUMINUM ALUMINUM	Details	ALL MALE MALE MALE MALE MALE MALE MALE M	APERWORK MUST FOLLOW O ATERIAL MUST HAVE IDENTIF P/s and certs to: clavoie@dartae SER: DART AEROSPACE SE: COMMERCIAL AIRCRAFT	RDER / CUSTOMER MUST RECYING MARKINGS EX:HEAT #'S Iro.com	SEIVE AT TIME OF DELIVERY
KAISER ALUMINUM ALUMINUM 18587686	Delivery No.	-	Heat Number	PCS P	I ongth (Iki)
	121149097	KAISER ALUMINUM	5 9 7 6	2	

These items are controlled by the U.S. Government and authorized for export only to the country of utilimate destination for use by the utilimate consignee or end-user(s), either in the interior and other country or to any person other than the authorized utilimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. lew and regulations.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s) herein identified. or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 05-JUL-2017 03:33:14 PM We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.



CERTIFICATE OF CONFORMANCE PACKING SLIP/

Page 2 of 2

Test reports are on file subject to examination. All claims for deflective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for codit.

Reviewed by Authorized Castle Metals Representative:



SHIPPED JUL 05 2017

2/4/X

SHIP TO:

A M CASTLE METALS 4175 ROYAL DRIVE, SUITE 600 KENNESAW, GA 30144

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number 4438388

SOLD TO:

AM CASTLE & CO-SOLD TO 1420 KENSINGTON RD **SUITE 220** OAK BROOK, IL 60523

CUSTOMER PO NUMBI	ER:	WOR	K PACKAGE:		ISTOMER PAR 50023	T NUMBER:		 731/21	GOV'T CONTRACT NUMBER:
KAISER ORDER NO: 1222862-1			SHIP DATE: 31-OCT-20	16	7075	CLAD: BARE	T651	Sawed P	
WEIGHT SHIPPED: 3232 LB	18 PC		TRU6			GAUGE: 0.2500 II	6 3500 A	48.500 IN	LENGTH: 144.500 IN 231.9 MM)

MHU 2052581: LOT 19597686: 18 pieces;

Certified Specifications

AMS 4045/RevL CMMP 025/RevV AMS-QQ-A-250/12/RevA

ASTM B 209/Rey 14

Test Code: 1512 ASCast 302

Test Results

Ingot 2

Melted in USA

(ASTM E8/855769

(EN 2002-1)

Tensile:

Temper T651

Dir / # Tests LT / 2 (Min:Max)

87.8:89.0

MN

0.00

0.30

Drop 11

Ultimate KSI (MPA)

Yield KSI (MPA) 78.1:78.9

Elongation % 11.1:11.8

(538:544)(605:614)

(ASTM E1251)

FE

MN CU

MG CR ZN

TI

OTHER

Chemistry:

Actual(wt%)

SI 0.13 0.07

SI

0.00

0.40

1.5 0.02

0.19 2.6

5.7

0.01

0.05

ZR 0.01

TOT 0.06

ALLOY LIMITS

7075 MIN(wt%)

MAX(wt%)

0.00

FE

1.2 2.0 0.50

CU

MG 2.1 0.18 2.9

ZN 5.1

0.00

0.20

0.02

TI

V 0.00 0.00

0.05

MAX ZR OTHER **EACH**

TOT

0.05

0.15

Aluminum Remainder ORDER_COMMENTS

0.28

AMC CA-15409 R 3

NOV 1 8 2016





Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number 4438388

CERTIFICATION

- Kaiser Alum num. Frentwood Works, is ISO 9001, AS9100, and ISO 14001 carrifled, and hereby certifies that all material shipped under this order.

 * has been inspected, tested, and found to be in conformance with the requirements of the shockated force in material shipped under this order.

 * has been inspected, tested, and found to be in conformance with the requirements of the shockated force in material shipped under this order.

 * as shown here in and chemical composition ment's specification requirements. Honoried stongation values have here measured as a capation of fracture.

 * as meltid in the United States of America or a qualifying bounty per DEARS 225.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.672-1(a), was natural actured in the United States of America, and meats and requirements of DEARS 255.252-25 for any natural actured in the United States of America, and requirements of Early and requirements of supplies with Particles and Par

Jemennay

Page 2 of 2



CERTIFICATE OF CONFORMANCE PACKING SLIP/

HAWKESBURY, ON K6A 1K7 DART AEROSPACE LTD HAWKESBURY, ON K6A 1K7 CAN DART AEROSPACE LTD Ship To: 1270 ABERDEEN K6A 1K7 HAWKESBURY, ON DART AEROSPACE LTD 1270 ABERDEEN Deliver To: Shipment No:3322822 Page 1 of 2

2K7

Date Shipped

F.O.B.

Freight Terms

Carrier

BOL No

MISSISSAUGA, ON L5N 2150 ARGENTIA ROAD A. M. CASTLE & CO.

Ship From:

Sold To:

1270 ABERDEEN

121149098				Details	36/11	Purchase Order No			4799461	Order No	Shipment Details	05-JUL-17	
CONSTELLIUM ROLLED PRODUCTS	Mill	END USE	Email P/s	ALL PAPE				C	A LINE NO	I in No.	S	ORIGIN	
9307991	Heat Number	END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS	ALL MA FERIAL MUST HAVE IDENTIFYING NETWORK TO COMMON TO THE MUST HAVE IDENTIFYING N	RWORK MUST FOLLOW		Part Number		/32100.IVO	ZESTER NO	Idam No.		Prepaid	
2	Mech Id PCS Width (IN)	T PARTS	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	2.00 PCS	Ordered Qty	IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	CUT 2SIDED TO 6 IN (+ .1250/0000 IN) X 144.5 IN (+ .1250/0000	Description		Final Destination Branch - TOR	MANITOULIN	001101
	Length (IN) Shipped Oty/I RS)	944		AT TIME OF DELIVERY	2.00 PCS	Invoice Otv	ECIFICATIONS: AMS-QQ-A-250/12)00 IN) X 144 5 IN (+ 1250/- 0000				3322822-2	

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. Date Printed: 05-JUL-2017 03:33:14 PM We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description



PACKING SLIP/ CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

Page 2 of 2

for credit.

Reviewed by Authorized Castle Merals Representative: Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned

Date:

Name:

SHIPPED JUL 05 2017

8 177-6.



They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 05-JUL-2017 03:33:14 PM These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.





A M CASTLE CO 8 3050 SO HYDRAULIC WICHITA KS 67216 US Н P

a L D T

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523

0			0	
A M CASTLE	110539772 4075	INCLUSION	Seri	lai:20170527-0110539772 Pg 1of4
CUSTOMER PURCH	ASE ORDER NO. & ITEM	Constellium ORD 203735	ER NO.	CERTIFICATION "Constallium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the
	TEMPER GAUGE 1.00000 in 25.40 mm	48.50000 in 1,232 mm LENGT)	00 in \mathbb{P}	requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test
ITEM ORDERED SPEC PLATE, SAWE MILL FINISH	D			reports are on file, subject to examination.° Constellium Rolled Products Revenswood, LLC 859 Century Road
CUSTOMER SPECIF AMS 4045K	CATION			P.O. BOX 58 RAVENSWOOD, WV 26164 USA
PART NUMBER 752188	B/L NUM 81388	BER DATE SHIPPED 05/29/2017		Steve Gul
WT. SHIPPED 5770.000 LB	NO. OF PIECES	GOVT. CONTRACT NO.		Steve Good - Laboratory Manager

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

ASTM B594 REV 13 2013 100% SONIC W/ 0.125 DEADZONE Class A
AMS QQ-A-250/12A
AMS-STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE
ASTM B209-14
BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE
CST1006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE
DPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE
GAMPS 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE
PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

Load Details

Deraiss						
Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001522455	725.000	328.854	9387991	01		
1001522455	725.000	328.854	9387991	02		
1001522455	725.000	328.854	9387991	03		
1001522460	725.000	328.854	9387992	01		
1001522460	725.000	328.854	9387992	02		
1001522460	725.000	328.854	9387992	03		
1001522466	D.0710.000	322.050	9387993	01		
1001523466	10.000	322.050	9387993	02		

289 Tensile - Room Temperature (US)

Lot: 9387991

13110	Tempera	Ultimate	(KSI)	Yield (K	Si)	Elongation	(%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	79.8	80.5	70.1	72.3	13.0	13.0	







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A M CASTLE

A M CASTLE CO 3050 SO HYDRAULIC WICHITA KS 67216 US

s Q L 0 T D A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523 US

CUSTOMER PURCHASE ORDER NO. & ITEM 419757

110539772

Constellium ORDER NO. 203735

Serial:20170527-0110539772

CERTIFICATION

"Constellium Rolled Products, hareby certifies that

metal shipped under this order has been

inspected and found in conformance with the

requirements of the applicable specifications as

Indicated hersin. Any warranty is limited to that shown on Constellium Rolled Products' standard

General Terms and Conditions of Sales. Test reports are on file, subject to examination."

Constellium Rolled Products Ravenswood, LLC

859 Century Road P.O. BOX 68

RAVENSWOOD, WV 26164 USA

Pa 20f4

ALLOY 7075 CLAD

TEMPER GAUGE T651 1.00000 in 25.40 mm

LENGTH WIDTH 48.50000 in 144,50000 in 1,232 mm 3,670 mm

INCLUSION

ITEM ORDERED SPEC PLATE, SAWED

CUSTOMER SPECIFICATION AMS 4045K

PART NUMBER

B/L NUMBER 81388

4075

DATE SHIPPED 05/29/2017

WT. SHIPPED 5770,000 LB

GOVT. CONTRACT NO. NO. OF PIECES 000008

Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)

nsile - Room	Tempera			Yield (N	I/MM2\	Elongation	(%)	Report
		Ultimate	(N/MM2)	11010 (1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Direction	Tests	Min	Max	Min	Max	Min	Max	
1 T	02	550	555	483	498	13.0	13.0	
to I	V=							

Chemistry (Actual)

Core

MG CU MN FE 0.03 2,48 0.05 0.16 1.38

CR 0.20

TI ZN 0.04 5.45

ZR 0.01

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387992

nsile - Room	Tempera			Yield (K	SII	Elongatio	n (%)	Report
		Ultimate		Min	Max	Min	Max	
Direction	Tests	Min	Max				13.5	
LT	02	80.3	80.6	71.5	72.0	12.5	13.5	







S H I P

o

ALLOY 7075 A M CASTLE CO

3050 SO HYDRAULIC WICHITA KS 67216 US

110539772

\$ 0 L D T Q

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523

CERTIFICATION

*Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the

requirements of the applicable specifications as

indicated herein. Any warranty is limited to that

shown on Constellium Rolled Products' standard

General Terms and Conditions of Sales. Test

reports are on file, subject to examination."

Constellium Rolled Products Revenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA

CUSTOMER PURCHASE ORDER NO. & ITEM

INCLUSION

Serial:20170527-0110539772

Pg 3of4

410707

A M CASTLE

TEMPER GAUGE 1.00000 in 25.40 mm WIDTH 48.50000 in 144 1,232 mm 3,6

LENGTH 144,50000 in 3,670 mm

Constellium ORDER NO.

ITEM ORDERED SPEC PLATE, SAWED MILL FINISH

CLAD

CUSTOMER SPECIFICATION AMS 4045K

PART NUMBER 752188 B/L NUMBER 81388 DATE SHIPPED 05/29/2017

WT. SHIPPED NO. OF PIECES GOVT. CONTRACT NO. 5770,000 LB 000008

07-567-

Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)

isile - Room	Tempera		(N/MM2)	Yield (N	/MM2)	Elongation	(%)	Report
Direction	Tests	Min	Мах	Min	Max	Min	Max	
LT	02	554	556	493	496	12.5	13.5	

Chemistry (Actual)

Core

SI FE CU MN 0.05 0.16 1.38 0.03 MG CR 2.48 0.20

R ZN 20 5.45 TI ZR 0.04 0.01

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387993

19119 - 1/00111	tempera	Ultimate	(KSI)	Yield (K	SI)	Elongation	(%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	79.9	80.8	70.4	71.5	13.0	13.5	







A M CASTLE CO н 3050 SO HYDRAULIC WICHITA KS P

ŝ 0 D

A M CASTLE

1420 KENSINGTON ROAD, SUITE 220 OAK BROOK IL 60523

T	US							0	03			
A M CAST	TLE	11	0539772	4075		INCLU	ISION	Se	rial:20170	527-011	0539772	Pg 4of4
CUSTOM 419757	ER PUI	RCHAS	E ORDER N	IO. & ITEN	A	Conste 203735	llium ORDI	ER NO	"Conste	illum Roll	d under thi	TION , hereby certifies the e order has been informence with the
ALLOY 7075	CLAD	TE:		GE 000 in 0 mm	WIDTH 48.500 1,232	100 in	LENGTH 144.5000 3,670 mm	0 in	require indicate shown	ed herein.	the applica Any warra tellium Rolla	uble specifications as unty is limited to that ad Products' standard
ITEM OR SPEC PL MILL FIN	ATE, SA	WED							papa	rts are or	file, subject led Product IS9 Century	
CUSTOM AMS 404	ER SPI 5K	CIFIC	ATION							RAVENS	P.O, BOX WOOD, W\	68 / 26164 USA
PART NU 752188	MBER			B/L NUM 81388	BER		SHIPPED 1/2017			Ste	- Br	1
WT. SHIF 5770.000	PED LB		NO. OF 000008	PIECES	GOVT.	CONTR	ACT NO.		-	Stev	e Good - Li	sborstory Manager
Tensile -	Room	Tempe	rature (SI)	te (NVMM2	2)	Yield (N	/MM2)	E	longation	(%)	Repor	
Dire	ction	Tests	Min	Max		Min	Max	N	lin	Max		
LT		02	551	557		485	493	1	3.0	13.5		

Chemistry (Actual)

LT

Core

ZR MG CR ZN TI MN FE CU 0.04 0.01 0.03 2.48 0.20 5.45 0.05 0.16 1.38

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

QUALITY TEXTS: AMC CA-15403 R 8

THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CHEMISTRY BY DES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399

WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8: 8557 DUNS Number: 090570149; CAGE Code: 1YWL9

Marcury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075 DATE: JUL	165	201	X2.540	PO / BATCH NO.	103671/M13790
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	3	25	THIC	CKNESS ORDERED EKNESS RECEIVED ET SIZE ORDERED ET SIZE RECEIVED	111
DESCRIPTION	(Ch	CR eck (N)		COMMENTS	
SURFACE DAMAGE	Y	N)			
CORRECT FINISH	Y	N			
CORROSION	Y	N			
CORRECT GRAIN DIRECTION	()	N			
CORRECT MATERIAL PER M-DRAWING	(Y)	N	Atm R200	1	
CORRECT THICKNESS	(Y)	N		1	
PHOTO REQUIRED	Υ	W			
CORRECT REF # TO LINK CERT	8	N	Yt #43879	91	
CORRECT MATERIAL IDENTFICATION	(7)	N			
CORRECT M# ON THE MATERIAL	(Y)	N			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)			
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	0			
CUT SAMPLE PIECE			ERIAL AND PREFORI		CHECK.
			HRC HRB		DUR D
TYPE OF MATERIAL				DONA	23112
SIZE OF TEST SAMPLE		ŀ		-	
HARDNESS / DUROMETER REA	DIN	G			
			located in the Quality Office		

QC 18 INSPECTION	34/	ENGINEERING SIGNOFF (if required)
INSPECTED BY:_	5	SIGNED OFF BY:
DATE:	JUL 0 7 2017	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

H:\FORMS\Quality Assurance\approved QA\MRIF Material Receipt Inspection Form revC

SPECIFICATION CONTROL DRAWING

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SPECIFICATION: PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

B

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QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS-4046 OR ASTM B209

PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE SPECIFICATION:

QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4048 / 4049 OR ASTM B209

B

B

B

PART NUMBER:

B

M7075T6SLTTT X W.WWW

WHERE ".TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063 EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

.TTT BY 4FT BY 10FT FOR SHEET

B

PREFERRED SIZE:

BELEASED 2017 JUN 19 07

APPROVED MFG. APPR. APPROVED CHECKED DESIGN NEW ISSUE ADD: REF TO "PLATE", "1651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149) ¥ 유짂 7075-T6 SHEET/PLATE SPEC NTS HAWKESBURY, ONTARIO, CANADA DRAWING NO.
M7075T6S DART AEROSPACE LTD 망자 c c SHEET 1 OF 17.05.05 10.11.08 REV. B DATE

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17.05.05

SCALE

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: DATE:	6 7 6	817+	<u>00eXc.</u> 350		PO / BATCH NO.:	10367111M137968
QUANTITY RECEIVED: 241		Je S		THICKN	JESS ORDERED: JESS RECEIVED: SIZE ORDERED:	250''
QUANTITY REJECTED:	8	2			SIZE RECEIVED:	JU//4
DESCRIPTION	(Ch	CR neck (N)			COMMENTS	
SURFACE DAMAGE	Y	(N)				
CORRECT FINISH	Y	N				
CORROSION	Y	W				
CORRECT GRAIN DIRECTION	Y	N				
CORRECT MATERIAL PER M-DRAWING	Q	N	ASTON B	2001		
CORRECT THICKNESS	Y	N		170		
PHOTO REQUIRED	Y	W				
CORRECT REF # TO LINK CERT	YP	N	4+#1950	176R	6	
CORRECT MATERIAL IDENTFICATION	(Y)	N				
CORRECT M# ON THE MATERIAL	(Y)	N				
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)				
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)				
CUT SAMPLE PIECE	05	BAAT.	COLAL AND DO		LIABONEOG GI	
COT SAMPLE PIECE			ORD RESULTS E		HAKDNESS C	TEUK.
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER REA			HRC	HRB	DUR A	DUR D
			located in the Qual	ity Office		

| DAS | | DAS | | SIGNE | SIGN

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE SPECIFICATION:

QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 15 15 OR ASTM B209

PART NUMBER: PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE SPECIFICATION: M7075T6S TTT X W.WWW QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4048 / 4049 OR ASTM B209

0

(1)

B)

B

B

S

WHERE ".TT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063 EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

.TTT BY 4FT BY 10FT FOR SHEET

8

PREFERRED SIZE:

GELEASED 2017 JUN 19 0

APPROVED DE APPR. CHECKED DRAWN APPROVED MFG. APPR. DESIGN NEW ISSUE ADD. REF TO "PLATE", "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149) 17.05.05 XX 두 롤 유 큐 M7075T6S 7075-T6 SHEET/PLATE SPEC NTS CRIPTION DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA 왕짂 ç SHEET 1 OF 17.05.05 10.11.08 DATE REV. B SCALE

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M707	0	56,6 7 201	333X/103C	F	PO / BATCH NO	m 3671	1/Mi379
MATERIAL CERT REC'D: QUANTITY RECEIVED: 341 QUANTITY INSPECTED: QUANTITY REJECTED:	2	Je.	5	THICKNI SHEET S	ESS ORDEREI ESS RECEIVEI BIZE ORDEREI BIZE RECEIVEI):	
DESCRIPTION	(CI	CR heck /N)		(COMMENTS		
SURFACE DAMAGE		IN					
CORRECT FINISH	(Y)						
CORROSION	Y	Q					
CORRECT GRAIN DIRECTION	(Y)	_					
CORRECT MATERIAL PER M-DRAWING	M	N	ASIM	R209			
CORRECT THICKNESS	(8)	N	75/15	1204			
PHOTO REQUIRED	Y	N					
CORRECT REF # TO LINK CERT	(0)	N	1++ # 9	3570.0	1		
ORRECT MATERIAL IDENTFICATION		N	17/4-1	28 799			
CORRECT M# ON THE MATERIAL	(8)	N					
DOES THIS MATERIAL REQUIRE		-					
ENGINEERING SIGN OFF	Υ	0					
DOES THIS REQUIRE AN		_					
EXTRUSION REPORT	Υ						1
CUT SAMPLE PIECE			TERIAL AND F		HARDNESS (CHECK.	
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL							
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER REA	DIN	G					
	to	etore	located in the Q				

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY:

DATE:

DAS

9-90L 0 7 2017

INSPECTED BY:

DATE:

SPECIFICATION CONTROL DRAWING

0

PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE SPECIFICATION:

O

QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 2005 OR ASTM B209

PART NUMBER:

8

B B

SPECIFICATION:

9R

PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

QQ-A-250/13 OR AMS-QQ-A-250/13 OR AMS 4048 / 4049 OR ASTM B209

M7075T6S TTT X W.WWW

WHERE ".TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE) EG. 0.063" THICK SHEET = M7075T6S.063 EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

.TTT BY 4FT BY 10FT FOR SHEET

B PREFERRED SIZE:

SELEASED 2017 JUN 19 0

APPROVED DESIGN
DRAWN
CHECKED
MFG. APPR. DATE APPROVED ADD. REF TO "PLATE" T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149) 17.05.05 DŞ MM 중 유 귀 F TITLE
7075-T6 SHEET/PLATE SPEC NTS M7075T6S DESCRIPTION DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA Вγ 뭐 ç SHEET 1 OF 1 10.11.08 REV. B

>

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17.05.05



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36711

Purchase Order Date 6/15/2017 PO Print Date 6/22/2017

Page Number | of 4

REVISEOPIN:

Order From :

METAUX CASTLE

P.O. BOX 4090 STN A TORONTO, ONTARIO M5W OE9

CANADA

VU-MET002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

24.00

Terms Currency

FOB

Chantal Lavoie

10127-2607 Net 30

USD

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date		Req Qty/ Unit of Measure	/	PO Unit Price	Extended Price
	Delivery Comments	7075-T6S Sheet 2.5" Wide 4	7/6/2017	FN	12.00	/	\$30.42	\$365.04
I	M7075T6S1 000X2.500	x 1" Thick Plate	Yes 7/6/2017		f			

MATERIAL. 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

M7075T6S6.000X0.250

7075-T6S Sheet 0.25" Wide x 6" Thick Plate 7/6/2017 FN

Yes

7/6/2017

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE Line Total:

\$20.75

\$498.00

\$365.04

Line Total:

\$498.00

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36711

Purchase Order Date 6/15/2017 PO Print Date 6/22/2017

Page Number 2 of 4

Order From :

VU-MET002

METAUX CASTLE P.O. BOX 4090 STN A TORONTO, ONTARIO M5W OE9 CANADA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

Chantal Lavoie

Destination-Collect

10127-2607

Net 30

USD

CANADA

Buyer

Terms

FOB

Currency

Customer POID

Customer Tax #

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

M7075T6S6.000X1.000

M7075T6S7.000X2.000

7075-T6S Sheet I" Wide x

6" Thick Plate

7/6/2017 FN

Yes

18.00

24.00

\$44 25

\$1,062.00

7/6/2017

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/II OR QQ-A-250/I2 CUT FROM PLATE

7075-T6S Sheet 2" Wide x

7" Thick Plate

Yes

7/6/2017

7/6/2017

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/II OR QQ-A-250/I2 CUT FROM PLATE

Line Total:

\$1,062.00

\$88 44

\$1,592.00

Line Total:

\$1,592.00

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36711

Purchase Order Date 6/15/2017 PO Print Date 6/22/2017

Page Number 3 of 4

Order From:

METAUX CASTLE P.O. BOX 4090 STN A TORONTO, ONTARIO M5W OE9 CANADA

M7075T73B3 000X4.000

M174PH-H1150R1.000

VU-MET002

DART AEROSPACE LTD Ship To:

1270 ABERDEEN HAWKESBURY, ON K6A 1K7

CANADA

Contact Name Vendor Phone Ship To Contact Ship To Phone Yours ppd Ship Via: Ship Acet:

7/6/2017 7075-T73 Bar 3.0 x 4.0 grain direction along 3"

Yes 7/6/2017

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/II OR QQ-A-250/I2 CUT FROM PLATE

NOTE: CUT 16 PCS AT 13.375", GRAIN DIRECTION ALONG 13.375"

27/2017 M174PH-H1150R1.000 Yes 6/27/2017

MATERIAL: 17-4 PH CONDITION H1150 GRAIN MUST BE ALONG LENGTH OF BAR

> 7/6/2017 17-4 SS Roundbar 4.00"Od Yes 7/6/2017

AS PER DWG 06104 REV. B B162764 MATERIAL: 17-4 PH AS PER AMS 4643 OR AISI 630 SIZE: 4.00" X 5.10" LONG

Chantal Lavoie Buyer

Customer POID Customer Tax # Terms Currency

FOB

10127-2607 Net 30 USD

Destination-Collect

4.00

\$404.00 \$101.00

Line Total: 12.00

\$256.20 \$21 35

Line Total:

\$256.20

\$542.00

\$404.00

10.00 Each

17626

\$54.20

Note:

D6104-005P



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36711

Purchase Order Date 6/15/2017 PO Print Date 6/22/2017

Page Number 4 of 4

Order From :

VU-MET002

METAUX CASTLE P.O. BOX 4090 STN A TORONTO, ONTARIO M5W OE9 CANADA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax# Terms Currency

FOB

Chantal Lavoic

10127-2607 Net 30 USD

Destination-Collect

71401-45

PROCUREMENT OUALITY CLAUSES 7/6/2017

No

7/6/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable) A026 certification of material conformance

A()41 quality management system

A042 dart notification by supplier A043 retension of quality documents 1.00

Line Total:

\$0.00

\$0.00

\$542.00

Mode

Line Total:

\$0.00

PO Total:

\$4,719.24

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

2

Change Date:

6/22/2017